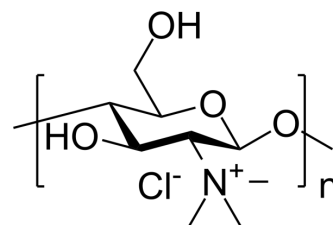


Trimethyl chitosan

Cat. No.:	HY-148033		
CAS No.:	52349-26-5		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 33.33 mg/mL (ultrasonic and warming and heat to 60°C)
In Vivo	1. Add each solvent one by one: PBS Solubility: 10 mg/mL (Infinity mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description	Trimethyl chitosan (N,N,N-Trimethylchitosan) is a water-soluble multifunctional polymer which is a Chitosan (HY-B2144A) derivative. Trimethyl chitosan can be used for drug delivery and to synthesize nanoparticles ^[1] .
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REFERENCES

[1]. Thanou MM, et al. Effect of degree of quaternization of N-trimethyl chitosan chloride for enhanced transport of hydrophilic compounds across intestinal caco-2 cell monolayers. J Control Release. 2000 Feb 14;64(1-3):15-25.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA